

Please type a plus sign (+) inside

PTO/SB/82 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no per

REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/391,360				
Filing Date	September 7, 1999				
First Named Inventor	Paul R. Carpentier				
Group Art Unit	2787				
Examiner Name	Unknown				
Attorney Docket Number	EP-004				

I hereby revoke application:	e all prev	ious powers	of attorney or aut	horizatio	ns of ag	ent given	in the abo	ve-idedfffled1 1 20 Technology Cente
X A Power	of Attorr	ney or Author	ization of Agent is	s submit	ted here	with.	÷	orași cente
OR .								
Please change the correspondence address for the above-identified application to:								
Customer Number								
OR						Į.	Latery	
Firm or Individual Nam	ie						PATENT	
Address				-				
Address				**				
City								Τ΄
Country			· · · <u> </u>		State		ZIP	
Telephone		·			<u> Fax</u>			
I am the:								
Applicant/Inventor.								
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTOISBI96)								
SIGNATURE of Applicant or Assignee of Record								
Name	Leanne	e J. Fitzge:	rald (Reg. No.	40,606)	, EMC C	orporati	on, Hopkii	nton, MA 01748
Signature	MALL							
Date	12.12.01							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.								
*Total offorms are submitted.								

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/81 (11-96)

Approved for use through 6/30/99. OMB 0651-0035

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT, NOT ACCOMPANYING APPLICATION

09/391,360 **Application Number** Filing Date <u>September 7, 1999</u> **First Named Inventor** Group Art Unit 2787 Examiner Name Not yet assigned

			Attorney Docke	et Number F	P-004	<u>le</u>	Chnology (
I hereby a	anaint:						
∑ Practition	oners at (Customer Number	24227	□	PATENT TR		ner Code
		Name		Reç	gistration N	lumber	7
] ,
Ì							7
						· · · · · · · · · · · · · · · · · · ·	7
]
	as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.						
Please change the correspondence address for the above-identified application to: X The above-mentioned Customer Number. OR							
Firm <i>or</i> Individua	al Name						
Address							
Address				 		,	
City				State		7IP	
Country							
Telephone				-ax			
I am the	e: oplicant.						
Assignee of record of the entire interest Certificate under 37 CFR 3.73(b) is enclosed							
		SIGNATURE of	Applicant or Assigne	e of Recor	d		
Name	Leanne	J. Fitzgerald, Reg. N			4	Hopkinton,	MA 01748
Signature	£	7/11					
Date	12	2.12-01					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002, OMB 0651-0031

PTO/SB/96 (08-00)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act 1995, no person required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Paul R. Carpentier et al. Application No./Patent No.:09/391,360 Filed/Issue Date: September 7, 1999 Entitled: System and Method for Secure Storage, Transfer and Retrieval of Content Addressable Information (Type of Assignee, e.g. corporation, partnership, university, government agescy, etc.) EMC Corporation (Name of Assignee) JAN 1 1 2002 Technology Center 2100 states that it is: 1. X the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is _____% in the patent application/patent identified above by virtue of either: A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. OR B. [x] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: Paul R. Carpentier, Jan F. Van Riel, Tom Teugels To: Wave Research N.V. The document was recorded in the United States Patent and Trademark Office at Reel 010389, Frame 0154, or for which a copy thereof is attached. _____To:____ The document was recorded in the United States Patent and Trademark Office at Reel_____, Frame_____, or for which a copy thereof is attached. _____To:_____ The document was recorded in the United States Patent and Trademark Office at Reel_____, Frame_____, or for which a copy thereof is attached. [x] Additional documents in the chain of title are listed on a supplemental sheet. [x] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Leanne J. Fitzgerald Typed or printed name **Intellectual Property Counsel** Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEBRUARY 22, 2000

BEYER & WEAVER, LLP
JONATHAN O. SCOTT
P.O. BOX 61059

PALO ALTO, CA 94306



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



E RECE

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF AN 1 1 2002 THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER OF PROPERTY OF THE P

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/18/1999

REEL/FRAME: 010389/0154

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARPENTIER, PAUL R.

DOC DATE: 10/25/1999

ASSIGNOR:

VAN RIEL, JAN F.

DOC DATE: 10/25/1999

ASSIGNOR:

TEUGELS, TOM

DOC DATE: 10/25/1999

ASSIGNEE:

WAVE RESEARCH N.V. ZORGVLIET 17 2860 SINT-KATELIJNE-WAVER, BELGIUM

SERIAL NUMBER: 09391360

PATENT NUMBER:

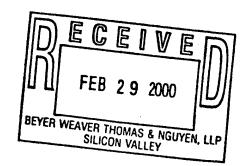
700S

FILING DATE: 09/07/1999

ISSUE DATE:

U.S.:	V	FOREIGN: .		~
0007 FTED: _	3	-6-00	8Y:	8dW
AC CON: DUE SATES: _				
Arry Con	DACKETH	WKSI	+ 9004	

ELITED A MELITER LLP



t Accompanying Application)

Whereas I/we the undersigned inventor(s) Mave invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEM AND METHOD FOR SECURE STORAGE, TRANSFER AND RETRIEVAL OF CONTENT ADDRESSABLE INFORMATION

for which I (we) have executed an application for a United States Letters Patent, the application was filed in the U.S. Patent and Trademark Office on September 7, 1999, and which bears the Application 100/391,360.

For good and valuable consideration, the receipt and sufficiency of which is hereby action by Center 210.

- Sell(s), assign(s) and transfer(s) to Wave Research N.V., a Belgiumcorporation having a place of business at Zorgvliet 17, 2860 Sint-Katelijne-Waver, BELGIUM, (hereinafter referred to as 'ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

	Signed on the date(s) indicated beside my (our) signature(s	s).	
1)	Signature: Typed Name: Paul R. Carpentier	Date:	22-OCT - 99
2)	Signature: Typed Name: Jan F. Van Riel	Date:	25-OCT-99
3)	Signature: Typed Name: Tom Teagels	Date:	<u>25-007</u> -99

This assignment should preferably be signed before a Notary Public if within the United States of America. If outside the United States of America, then it should be signed before two witnesses who also sign below:

1) Signature: Date: 2/11/8

2) Signature: Date: 2/11/9

010389/0154 PAGE 2



STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



RECEIVED

JAN 1 1 2002
Technology Center 2100